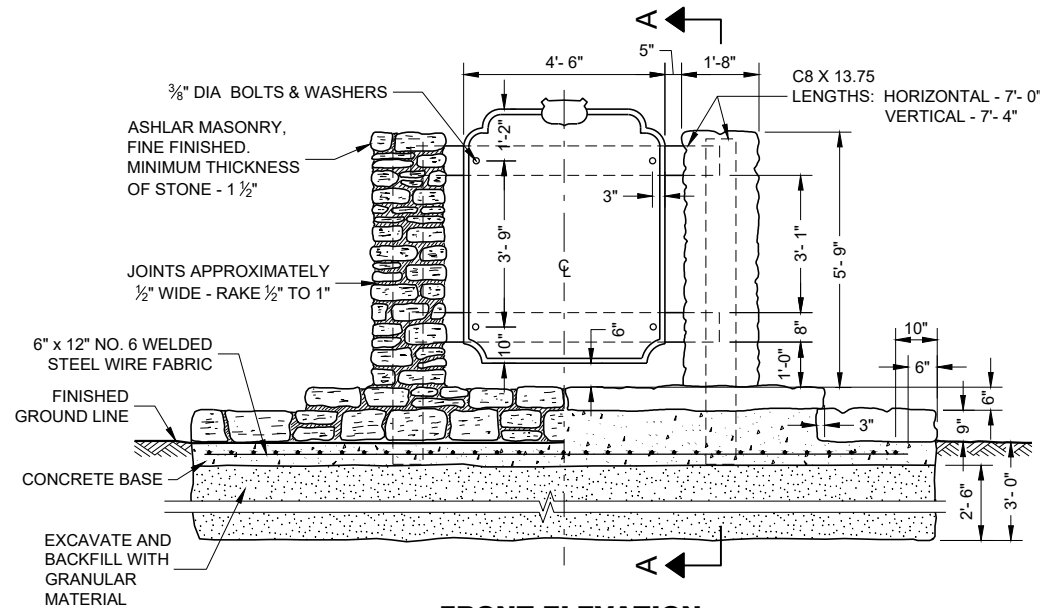
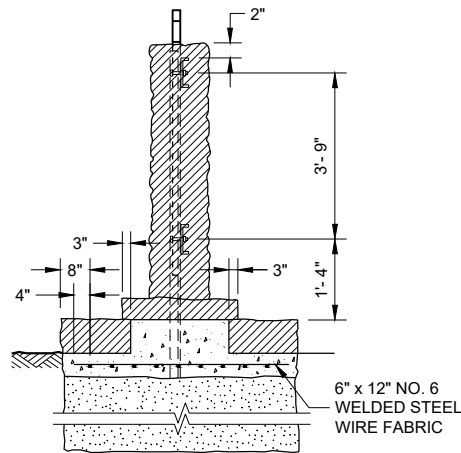


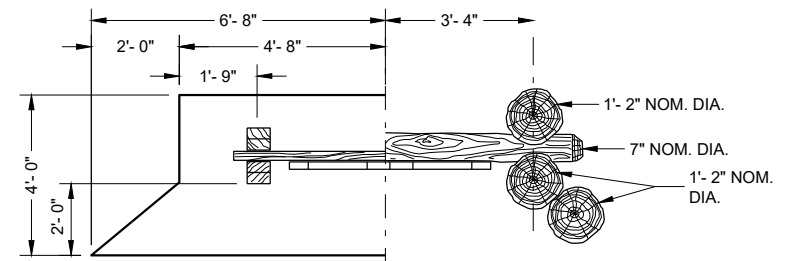
TOP VIEW



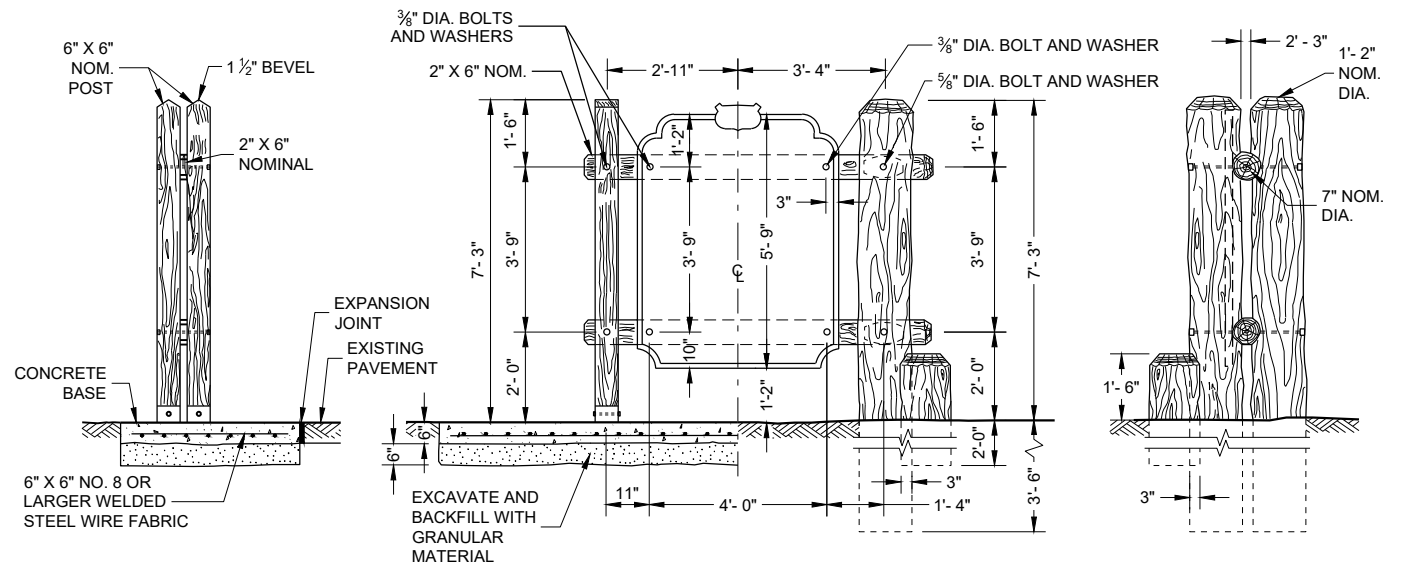
FRONT ELEVATION
MASONRY CONSTRUCTION



SECTION A - A



TOP VIEW



LEFT ELEVATION

FRONT ELEVATION
DIMENSIONED POST CONSTRUCTION

RIGHT ELEVATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 615.

CAST ALUMINUM PLAQUE SHALL BE STATE FURNISHED.

ALL CARRIAGE BOLTS USED IN CONSTRUCTION SHALL BE CUT OFF FLUSH WITH THE NUTS AND ALL NUTS SHALL BE COUNTER SUNK, EXCEPT FOR THOSE FASTENED TO THE PLAQUE.

DIMENSIONED POSTS & RAILS

POSTS SHALL BE DOUGLAS FIR, CONSTRUCTION GRADE. CROSS MEMBERS SHALL BE DOUGLAS FIR, FINISHED LUMBER, GRADE "C" SELECT OR BETTER. POSTS AND CROSS MEMBERS SHALL BE PAINTED WITH TWO COATS OF BROWN WOOD STAIN.

WELDED STEEL POST BASES SHALL BE FABRICATED. BASES SHALL BE PAINTED WITH DARK BROWN PAINT. GENEROUSLY TREAT ALL END GRAIN, DRILLED HOLES AND CUT SURFACES.

RUSTIC POSTS AND RAILS

POSTS AND CROSS MEMBERS MAY BE FROM ONE OF THE FOLLOWING SPECIES (SALVAGED UTILITY POLES OR TREATED TIMBER PILINGS MAY BE USED).

WHITE PINE
RED (NORWAY) PINE
NORTHERN RED CEDAR
NORTHERN HEMLOCK OR OAK

THE ABOVE-GROUND PORTION OF THE TREATED AND UNTREATED POSTS AND RAILS SHALL BE PAINTED WITH TWO COATS OF BROWN WOOD STAIN.

BILL OF MATERIALS

DIMENSIONED POSTS CONSTRUCTION

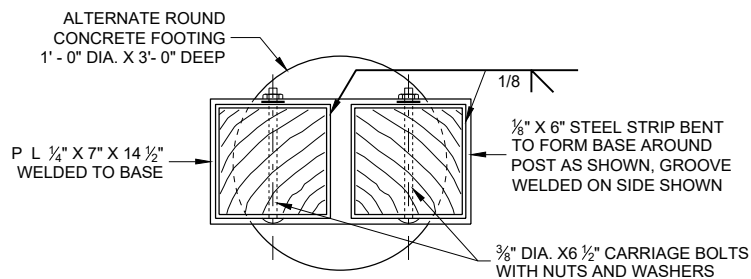
ITEM	UNIT	QUANTITY
CONCRETE (FLAT SLAB)	CY	0.80
WIRE FABRIC (FLAT SLAB)	SY	4.6
STEEL POST BASES	EA	2
POSTS	6" X 6" X 7' - 3"	4
LUMBER	2" X 6" X 6' - 10'	2
ANCHOR BOLTS (FLAT SLAB)	3/8" X 5"	4
CARRIAGE BOLTS	3/8" X 4"	4
CARRIAGE BOLTS	3/8" X 14"	4
CARRIAGE BOLTS	3/8" X 6 1/2"	4
ANCHOR BOLTS (ROUND FOOTING)	3/8" "U"	2
CONCRETE (ROUND FOOTING)	CY	0.17

RUSTIC POSTS CONSTRUCTION

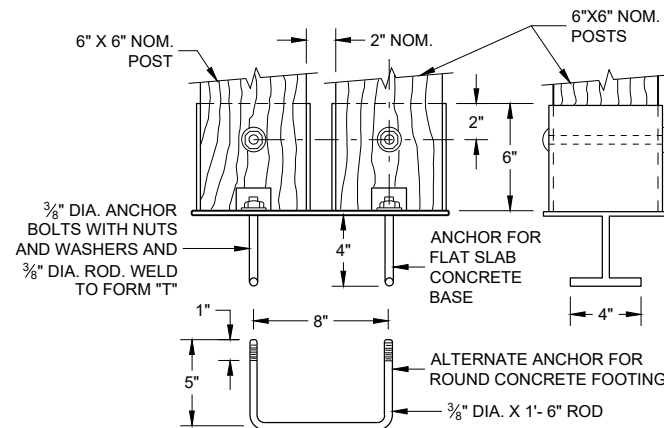
ITEM	UNIT	QUANTITY
POSTS	1' - 2" DIA. X 10' - 9"	4
POSTS	1' - 2" DIA. X 3' - 6"	2
RAILS	7" DIA. X 8' - 10"	2
CARRIAGE BOLTS	3/8" X 8"	4
CARRIAGE BOLTS	3/8" X 27"	4

MASONRY CONSTRUCTION

ITEM	UNIT	QUANTITY
CONCRETE (FLAT SLAB)	CY	2.3
ASHLAR MASONRY	CY	3.5
WIRE FABRIC (FLAT SLAB)	SY	9.8
CHANNEL STEEL	LBS	396
CARRIAGE BOLTS	3/8" X 2 3/4"	4



PLAN



POST BASE DETAIL
(DIMENSIONED POST CONSTRUCTION)

HISTORICAL MARKER CONSTRUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 /S/ Joseph Coughlin
DATE
ROADSIDE FACILITIES ENGINEER

FHWA

*Historical Marker Construction***References:**

Traffic Engineering, Operations and Safety Manual [TEOpS 2-4-40](#)

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
615.1000	Wisconsin Historical Marker (project).....	EACH

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

NONE

Design Notes:

NONE

Contact Person:

Joseph Coughlin (608) 261-8975